

# Global Financial Inclusion (Global Findex) Database 2021

**Development Research Group, Finance and Private Sector Development Unit**

report\_generated\_on: December 16, 2022

visit\_data\_catalog\_at: <https://microdata.worldbank.org/index.php>

## Identification

### SURVEY ID NUMBER

IRN\_2021\_FINDEX\_v02\_M

### TITLE

Global Financial Inclusion (Global Findex) Database 2021

### COUNTRY/ECONOMY

Name	Country code
Iran, Islamic Rep.	IRN

### STUDY TYPE

Other Household Survey [hh/oth]

### SERIES INFORMATION

The Global Index is the world's most comprehensive database on financial inclusion. It is also the only global demand-side data source allowing for global and regional cross-country analysis to provide a rigorous and multidimensional picture of how adults save, borrow, make payments, and manage financial risks. Global Index 2021 data were collected from national representative surveys of about 128,000 adults in more than 120 economies. The latest edition follows the 2011, 2014, and 2017 editions, and it includes a number of new series measuring financial health and resilience and contains more granular data on digital payment adoption, including merchant and government payments. Phone surveys were not a viable option in 17 economies that had been part of previous Global Index surveys, however, because of low mobile phone ownership and surveying restrictions. Data for these economies will be collected in 2022 and released in 2023.

### ABSTRACT

The fourth edition of the Global Index offers a lens into how people accessed and used financial services during the COVID-19 pandemic, when mobility restrictions and health policies drove increased demand for digital services of all kinds.

The Global Index is the world's most comprehensive database on financial inclusion. It is also the only global demand-side data source allowing for global and regional cross-country analysis to provide a rigorous and multidimensional picture of how adults save, borrow, make payments, and manage financial risks. Global Index 2021 data were collected from national representative surveys of about 128,000 adults in more than 120 economies. The latest edition follows the 2011, 2014, and 2017 editions, and it includes a number of new series measuring financial health and resilience and contains more granular data on digital payment adoption, including merchant and government payments.

The Global Index is an indispensable resource for financial service practitioners, policy makers, researchers, and development professionals.

### KIND OF DATA

Observation data/ratings [obs]

### UNIT OF ANALYSIS

Individual

## Version

### VERSION DESCRIPTION

Version 02: Edited, anonymous dataset for public distribution.

### VERSION DATE

2022-12-05

### VERSION NOTES

This is the first update (Dec 2022) to the microdata originally released in Oct 2022. This release includes new variables, updated labels along with a detailed codebook allowing you to access the Global Index 2021 individual level data in a more meaningful way. Please also see [Microdata\\_update\\_details.xlsx](#) which details these updates.

## Scope

### NOTES

The indicators in the Global Findex 2021 database are drawn from survey data covering almost 128,000 people in 123 economies, representing 91 percent of the world's population. Data is available for 2021, 2017, 2014, and 2011.

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
Development Research Group, Finance and Private Sector Development Unit	World Bank

### PRODUCERS

Name	Role
Gallup, Inc.	Carried out the survey in association with its annual Gallup World Poll.

### FUNDING AGENCY/SPONSOR

Name	Role
Development Research Group, World Bank	Funded the study
The Bill and Melinda Gates Foundation	Financial support

## Sampling

### SAMPLING PROCEDURE

In most developing economies, Global Findex data have traditionally been collected through face-to-face interviews. Surveys are conducted face-to-face in economies where telephone coverage represents less than 80 percent of the population or where in-person surveying is the customary methodology. However, because of ongoing COVID-19 related mobility restrictions, face-to-face interviewing was not possible in some of these economies in 2021. Phone-based surveys were therefore conducted in 67 economies that had been surveyed face-to-face in 2017. These 67 economies were selected for inclusion based on population size, phone penetration rate, COVID-19 infection rates, and the feasibility of executing phone-based methods where Gallup would otherwise conduct face-to-face data collection, while complying with all government-issued guidance throughout the interviewing process. Gallup takes both mobile phone and landline ownership into consideration. According to Gallup World Poll 2019 data, when face-to-face surveys were last carried out in these economies, at least 80 percent of adults in almost all of them reported mobile phone ownership. All samples are probability-based and nationally representative of the resident adult population. Phone surveys were not a viable option in 17 economies that had been part of previous Global Findex surveys, however, because of low mobile phone ownership and surveying restrictions. Data for these economies will be collected in 2022 and released in 2023.

In economies where face-to-face surveys are conducted, the first stage of sampling is the identification of primary sampling units. These units are stratified by population size, geography, or both, and clustering is achieved through one or more stages of sampling. Where population information is available, sample selection is based on probabilities proportional to population size; otherwise, simple random sampling is used. Random route procedures are used to select sampled households. Unless an outright refusal occurs, interviewers make up to three attempts to survey the sampled household. To increase the probability of contact and completion, attempts are made at different times of the day and, where possible, on different days. If an interview cannot be obtained at the initial sampled household, a simple substitution method is used. Respondents are randomly selected within the selected households. Each eligible household member is listed, and the hand-

held survey device randomly selects the household member to be interviewed. For paper surveys, the Kish grid method is used to select the respondent. In economies where cultural restrictions dictate gender matching, respondents are randomly selected from among all eligible adults of the interviewer's gender.

In traditionally phone-based economies, respondent selection follows the same procedure as in previous years, using random digit dialing or a nationally representative list of phone numbers. In most economies where mobile phone and landline penetration is high, a dual sampling frame is used.

The same respondent selection procedure is applied to the new phone-based economies. Dual frame (landline and mobile phone) random digital dialing is used where landline presence and use are 20 percent or higher based on historical Gallup estimates. Mobile phone random digital dialing is used in economies with limited to no landline presence (less than 20 percent).

For landline respondents in economies where mobile phone or landline penetration is 80 percent or higher, random selection of respondents is achieved by using either the latest birthday or household enumeration method. For mobile phone respondents in these economies or in economies where mobile phone or landline penetration is less than 80 percent, no further selection is performed. At least three attempts are made to reach a person in each household, spread over different days and times of day.

Sample size for Iran, Islamic Rep. is 1005.

#### WEIGHTING

Data weighting is used to ensure a nationally representative sample for each economy. Final weights consist of the base sampling weight, which corrects for unequal probability of selection based on household size, and the poststratification weight, which corrects for sampling and nonresponse error. Poststratification weights use economy-level population statistics on gender and age and, where reliable data are available, education or socioeconomic status.

## data\_collection

#### DATES OF DATA COLLECTION

Start	End
2021-09-14	2021-09-20

#### DATA COLLECTION MODE

Landline and mobile telephone

#### DATA COLLECTION NOTES

Data was collected in the following language(s): Farsi

## questionnaires

#### QUESTIONNAIRES

Questionnaires are available on the website.

## data\_appraisal

#### ESTIMATES OF SAMPLING ERROR

Estimates of standard errors (which account for sampling error) vary by country and indicator. For country-specific margins of error, please refer to the Methodology section and corresponding table in Demirgüç-Kunt, Asli, Leora Klapper, Dorothe Singer, Saniya Ansar. 2022. The Global Findex Database 2021: Financial Inclusion, Digital Payments, and Resilience in the Age of COVID-19. Washington, DC: World Bank.

## Access policy

## CONTACTS

Name	Affiliation	Email	URL
Global Findex	World Bank	globalfindex@worldbank.org	<a href="#">Link</a>
Saniya Ansar	World Bank	sansar1@worldbank.org	
Jijun Wang	World Bank	jwang36@worldbank.org	

## CITATION REQUIREMENTS

Demirgüç-Kunt, Asli, Leora Klapper, Dorothe Singer, Saniya Ansar. 2022. The Global Findex Database 2021: Financial Inclusion, Digital Payments, and Resilience in the Age of COVID-19. Washington, DC: World Bank.

## ACCESS AUTHORITY

Name	Affiliation	Email	URL
GlobalFindex	World Bank	globalfindex@worldbank.org	<a href="#">Link</a>

## Disclaimer and copyrights

## DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

## Metadata production

## DDI DOCUMENT ID

DDI\_IRN\_2021\_FINDEX\_v02\_M\_WB

## PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank	Documentation of the DDI

## DATE OF METADATA PRODUCTION

2022-12-07

## DDI DOCUMENT VERSION

Version 02 (December 2022).

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>micro_irn.dta</b> 2021 Global Findex - Iran, Islamic Rep. Microdata	1005	84



**Data file: micro\_irn.dta**

2021 Global Findex - Iran, Islamic Rep. Microdata

Cases: 1005

variables: 84

**variables**

ID	Name	Label	Question
V1	economy	Economy	
V2	economycode	Economy Code	
V3	wpid_random	Gallup World Poll identifier	
V4	wgt	Weight	
V5	female	Respondent is female	
V6	age	Respondent age	
V7	educ	Respondent education level	
V8	inc_q	Within-economy household income quintile	
V9	emp_in	Respondent is in workforce	
V10	urbanicity_f2f	Respondent lives in rural area	
V11	account	Has an account	
V12	account_fin	Has an account at a financial institution	
V13	account_mob	Has a mobile money account	
V14	fin2	Has a debit card	
V15	fin4	Used a debit card	
V16	fin5	Used a mobile phone or internet to access account	
V17	fin6	Used a mobile phone or internet to check account balance	
V18	fin7	Has a credit card	
V19	fin8	Used a credit card	
V20	fin8b	Paid credit card balances in full	
V21	fin9	Made any deposit into the account	
V22	fin9a	Make deposits into the account two or more times per month	
V23	fin10	Withdrew from the account	
V24	fin10a	Withdrew from the account two or more times per month	
V25	fin10b	Used account to store money	
V26	fin11_1	Unbanked: use account without help	
V27	fin11a	Reason for no account: too far	
V28	fin11b	Reason for no account: too expensive	
V29	fin11c	Reason for no account: lack documentation	
V30	fin11d	Reason for no account: lack trust	
V31	fin11e	Reason for no account: religious reasons	
V32	fin11f	Reason for no account: lack money	
V33	fin11g	Reason for no account: family member already has one	
V34	fin11h	Reason for no account: no need for financial services	
V35	fin13a	Use mobile money account two or more times a month	
V36	fin13b	Use mobile money account to store money	
V37	fin13c	Use mobile money account to borrow money	



ID	Name	Label	Question
V38	fin13d	Use mobile money account without help	
V39	fin14_1	Use mobile phone to pay for a purchase in-store	
V40	fin14a	Made bill payments online using the Internet	
V41	fin14a1	Send money to a relative or friend online using the Internet	
V42	fin14b	Bought something online using the Internet	
V43	fin16	Saved for old age	
V44	fin17a	Saved using an account at a financial institution	
V45	fin17a1	Saved using a mobile money account	
V46	fin20	Borrowed for medical purposes	
V47	fin22a	Borrowed from a financial institution	
V48	fin22b	Borrowed from family or friends	
V49	fin24	Main source of emergency funds in 30 days	
V50	fin24a	Difficulty of emergency funds in 30 days	
V51	fin24b	Difficulty of emergency funds in 7 days	
V52	fin30	Paid a utility bill	
V53	fin31a	Paid a utility bill using an account	
V54	fin31b	Paid a utility bill using a mobile phone	
V55	fin31c	Paid a utility bill in cash	
V56	fin32	Received wage payments	
V57	fin33	Received public sector wage payments	
V58	fin34a	Received wage payments into an account	
V59	fin34b	Received wage payments to a mobile phone	
V60	fin34d	Received wage payments in cash	
V61	fin34e	Received wage payments to a card	
V62	fin37	Received a government transfer	
V63	fin38	Received a government pension	
V64	fin39a	Received a government transfer or pension into an account	
V65	fin39b	Received a government transfer or pension to a mobile phone	
V66	fin39d	Received a government transfer or pension in cash	
V67	fin39e	Received a government transfer or pension to a card	
V68	fin44a	Financially worried: old age	
V69	fin44b	Financially worried: medical cost	
V70	fin44c	Financially worried: bills	
V71	fin44d	Financially worried: education	
V72	fin45	Financially most worried	
V73	saved	Saved in the past year	
V74	borrowed	Borrowed in the past year	
V75	receive_wages	Received a wage payment	
V76	receive_transfers	Received a government transfer payment	
V77	receive_pension	Received a government pension payment	
V78	receive_agriculture	Received a payment for the sale of agricultural goods	
V79	pay_utilities	Paid a utility bill	
V80	remittances	Made or received a domestic remittance payment	
V81	mobileowner	Owns a mobile phone	
V82	internetaccess	Internet access	

ID	Name	Label	Question
V83	anydigpayment	Made or received a digital payment	
V84	merchantpay_dig	Made a digital merchant payment	

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total: 84



**ECONOMY: Economy****Data file:** micro\_irn.dta**Overview**

Valid: 1005    Invalid: 0  
 Type: Discrete    Width: 18    Range: -    Format: character

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**URBANICITY\_F2F: Respondent lives in rural area****Data file:** micro\_irn.dta**Overview**

Valid: 0    Invalid: 1005    Minimum: \*    Maximum: \*  
 Type: Discrete    Width: 1    Range: \* - \*    Format: Numeric

**Others****NOTES**

Rural and urban classifications rely on a joint OECD-EU effort to classify these two groups based on population grids (not administrative units) that directly capture the spatial concentration of people. This is different from Gallup's earlier measures of rurality which relied on a survey respondent's perception of the urbanicity of their residence. The Global Findex Database 2021 uses the new estimate and provides account ownership averages for adults living in rural and urban areas. These averages are available only for those economies in which face-to-face surveys were conducted and are not compared with the 2011, 2014, and 2017 data, nor with regional or global averages.

See more here - <https://ghsl.jrc.ec.europa.eu/degurba.php>

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**ECONOMYCODE: Economy Code****Data file:** micro\_irn.dta**Overview**

Valid: 1005    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**Others****NOTES**

International Standards Organization (ISO) 3-digit alphabetic code for each economy

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**WPID\_RANDOM: Gallup World Poll identifier****Data file:** micro\_irn.dta**Overview**

Valid: 1005    Invalid: 0    Minimum: 111192093    Maximum: 211099575  
 Type: Continuous    Decimal: 0    Width: 9    Range: 111192093 - 211099575    Format: Numeric

## Others

### NOTES

Individual-level identifier to merge with Gallup World Poll data

### WGT: Weight

Data file: micro\_irn.dta

#### Overview

Valid: 1005 Invalid: 0 Minimum: 0.304363756797461 Maximum: 3.29963626608845

Type: Continuous Decimal: 15 Width: 17 Range: 0.304363756797461 - 3.29963626608845 Format: Numeric

## Others

### NOTES

Weight assigned to each observation

### FEMALE: Respondent is female

Data file: micro\_irn.dta

#### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 2

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	female	518	51.5%
2	male	487	48.5%

### AGE: Respondent age

Data file: micro\_irn.dta

#### Overview

Valid: 1005 Invalid: 0 Minimum: 15 Maximum: 98

Type: Discrete Decimal: 0 Width: 2 Range: 15 - 98 Format: Numeric

#### Questions and instructions

### CATEGORIES

Value	Category	Cases	
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15	15	24	2.4%
16	16	19	1.9%
17	17	24	2.4%
18	18	28	2.8%
19	19	10	1%
20	20	22	2.2%
21	21	17	1.7%
22	22	15	1.5%
23	23	14	1.4%
24	24	14	1.4%
25	25	15	1.5%
26	26	12	1.2%
27	27	17	1.7%
28	28	11	1.1%
29	29	16	1.6%
30	30	27	2.7%
31	31	12	1.2%
32	32	23	2.3%
33	33	15	1.5%
34	34	22	2.2%
35	35	22	2.2%
36	36	25	2.5%
37	37	18	1.8%
38	38	19	1.9%
39	39	22	2.2%
40	40	48	4.8%
41	41	13	1.3%
42	42	31	3.1%
43	43	20	2%
44	44	12	1.2%
45	45	31	3.1%
46	46	21	2.1%
47	47	19	1.9%
48	48	18	1.8%
49	49	17	1.7%
50	50	26	2.6%
51	51	13	1.3%
52	52	13	1.3%
53	53	16	1.6%

54	54	13	1.3%
55	55	14	1.4%
56	56	17	1.7%
57	57	12	1.2%
58	58	16	1.6%
59	59	11	1.1%
60	60	20	2%
61	61	13	1.3%
62	62	15	1.5%
63	63	11	1.1%
64	64	7	0.7%
65	65	9	0.9%
66	66	3	0.3%
67	67	7	0.7%
68	68	11	1.1%
69	69	5	0.5%
70	70	16	1.6%
71	71	3	0.3%
72	72	4	0.4%
73	73	4	0.4%
74	74	3	0.3%
75	75	8	0.8%
76	76	1	0.1%
77	77	1	0.1%
78	78	3	0.3%
79	79	3	0.3%
80	80	5	0.5%
81	81	1	0.1%
82	82	2	0.2%
83	83	0	0%
84	84	2	0.2%
85	85	2	0.2%
86	86	1	0.1%
87	87	0	0%
88	88	0	0%
89	89	0	0%
90	90	0	0%
91	91	0	0%
92	92	0	0%

93	93	0	0%
94	94	0	0%
95	95	0	0%
96	96	0	0%
97	97	0	0%
98	98	1	0.1%
99	99+	0	0%

## EDUC: Respondent education level

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	completed primary school or less	261	26%
2	completed secondary school	491	48.9%
3	completed tertiary education or more	253	25.2%
4	(dk)	0	0%
5	(rf)	0	0%

## INC\_Q: Within-economy household income quintile

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Poorest 20%	173	17.2%
2	Second 20%	183	18.2%
3	Middle 20%	189	18.8%
4	Fourth 20%	217	21.6%



5	Richest 20%	243	24.2%
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## Others

### NOTES

Respondent's within-economy household income quintile (1 to 5)

## EMP\_IN: Respondent is in workforce

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	in the workforce	564	56.1%
2	out of the workforce	441	43.9%

## ACCOUNT: Has an account

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	no	75	7.5%
1	yes	930	92.5%

## ACCOUNT\_FIN: Has an account at a financial institution

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	no	79	7.9%
1	yes	926	92.1%

### Others

### NOTES

The data also include an additional 3 percent of respondents in 2021 who reported receiving wages, government transfers, a public sector pension, or payments for agricultural products into an account (excluding mobile money) in the past year; paying utility bills or school fees from a financial institution account in the past year; or receiving wages, government transfers, or agricultural payments to a card in the past year. The definition does not include non-bank financial institutions such as pension funds, retirement accounts, insurance companies, or equity holdings such as stocks. Questions screened for account ownership in the questionnaire do not include these additional 3 percent of respondents.

## ACCOUNT\_MOB: Has a mobile money account

Data file: micro\_irn.dta

### Overview

Valid: 1005   Invalid: 0   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	no	885	88.1%
1	yes	120	11.9%

### Others

### NOTES

Mobile money service providers are those included in the GSM Association's Mobile Money for the Unbanked (GSMA MMU) database.

The data also includes an additional 2 percent of respondents in 2021 who received wages, government transfers, a public sector pension, or payments for agricultural products through a mobile phone in the past year. Unlike the definition of account at a financial institution, the definition of mobile money account does not include the payment of utility bills or school fees through a mobile phone. The reason is that the phrasing of the possible answers leaves it open as to whether those payments were made using a mobile money account or an over-the-counter service. Questions screened for account ownership in the questionnaire do not include these additional 2 percent of respondents.

**FIN2: Has a debit card****Data file:** micro\_irn.dta**Overview**

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	861	85.7%
2	no	142	14.1%
3	(dk)	1	0.1%
4	(ref)	1	0.1%

**Others**

## NOTES

Asked only of account owners (excluding mobile money accounts).

**FIN4: Used a debit card****Data file:** micro\_irn.dta**Overview**

Valid: 861   Invalid: 144   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	759	88.2%
2	no	102	11.8%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		144	

**Others**

## NOTES

Asked only of account owners (excluding mobile money accounts) that have an ATM/debit card.

**FIN5: Used a mobile phone or internet to access account****Data file:** micro\_irn.dta**Overview**

Valid: 903    Invalid: 102    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	498	55.1%
2	no	405	44.9%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		102	

**Others**

## NOTES

Asked only of account owners (excluding mobile money accounts).

**FIN6: Used a mobile phone or internet to check account balance****Data file:** micro\_irn.dta**Overview**

Valid: 903    Invalid: 102    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	539	59.7%
2	no	361	40%
3	(dk)	3	0.3%
4	(ref)	0	0%
Sysmiss		102	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts).

### FIN7: Has a credit card

Data file: micro\_irn.dta

#### Overview

Valid: 903 Invalid: 102 Minimum: 1 Maximum: 3  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	69	7.6%
2	no	832	92.1%
3	(dk)	2	0.2%
4	(ref)	0	0%
Sysmiss		102	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts).

### FIN8: Used a credit card

Data file: micro\_irn.dta

#### Overview

Valid: 69 Invalid: 936 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	58	84.1%
2	no	11	15.9%
3	(dk)	0	0%

4	(ref)	0	0%
Sysmiss		936	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts) who have a credit card.

## FIN8B: Paid credit card balances in full

Data file: micro\_irn.dta

### Overview

Valid: 69 Invalid: 936 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	44	63.8%
2	no	25	36.2%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		936	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts) who have a credit card.

## FIN9: Made any deposit into the account

Data file: micro\_irn.dta

### Overview

Valid: 903 Invalid: 102 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	732	81.1%

2	no	168	18.6%
3	(dk)	2	0.2%
4	(ref)	1	0.1%
Sysmiss		102	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts). This includes cash or electronic deposits, or any time money is put into their account(s) by themselves, by an employer, or another person or institution.

## FIN9A: Make deposits into the account two or more times per month

Data file: micro\_irn.dta

### Overview

Valid: 732 Invalid: 273 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	348	47.5%
2	no	380	51.9%
3	(dk)	2	0.3%
4	(ref)	2	0.3%
Sysmiss		273	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts).

## FIN10: Withdrew from the account

Data file: micro\_irn.dta

### Overview

Valid: 903 Invalid: 102 Minimum: 1 Maximum: 3  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	753	83.4%
2	no	148	16.4%
3	(dk)	2	0.2%
4	(ref)	0	0%
Sysmiss		102	

### Others

### NOTES

Asked only of account owners (excluding mobile money accounts). This includes cash withdrawals made in person using a debit card or mobile phone, electronic payments or purchases, checks, or any other sanctioned circumstance in which money is removed from the account(s) either by the account owner or by another person or institution.

## FIN10A: Withdrew from the account two or more times per month

Data file: micro\_irn.dta

### Overview

Valid: 753 Invalid: 252 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	611	81.1%
2	no	140	18.6%
3	(dk)	1	0.1%
4	(ref)	1	0.1%
Sysmiss		252	

### Others

### NOTES

Asked only of account owners (excluding mobile money accounts).

## FIN10B: Used account to store money

Data file: micro\_irn.dta



## Overview

Valid: 903 Invalid: 102 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	533	59%
2	no	368	40.8%
3	(dk)	0	0%
4	(ref)	2	0.2%
Sysmiss		102	

### FIN11\_1: Unbanked: use account without help

Data file: micro\_irn.dta

## Overview

Valid: 75 Invalid: 930 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	27	36%
2	no	48	64%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		930	

### FIN11A: Reason for no account: too far

Data file: micro\_irn.dta

## Overview

Valid: 102 Invalid: 903 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	12	11.8%
2	no	89	87.3%
3	(dk)	1	1%
4	(ref)	0	0%
Sysmiss		903	

### FIN11B: Reason for no account: too expensive

Data file: micro\_irn.dta

#### Overview

Valid: 102    Invalid: 903    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	28	27.5%
2	no	72	70.6%
3	(dk)	2	2%
4	(ref)	0	0%
Sysmiss		903	

### FIN11C: Reason for no account: lack documentation

Data file: micro\_irn.dta

#### Overview

Valid: 102    Invalid: 903    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	14	13.7%
2	no	85	83.3%
3	(dk)	3	2.9%
4	(ref)	0	0%
Sysmiss		903	

**FIN11D: Reason for no account: lack trust****Data file:** micro\_irn.dta**Overview**

Valid: 102    Invalid: 903    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	21	20.6%
2	no	79	77.5%
3	(dk)	1	1%
4	(ref)	1	1%
Sysmiss		903	

**FIN11E: Reason for no account: religious reasons****Data file:** micro\_irn.dta**Overview**

Valid: 102    Invalid: 903    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	15	14.7%
2	no	84	82.4%
3	(dk)	3	2.9%
4	(ref)	0	0%
Sysmiss		903	

**FIN11F: Reason for no account: lack money****Data file:** micro\_irn.dta**Overview**

Valid: 102    Invalid: 903    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	62	60.8%
2	no	40	39.2%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		903	

### FIN11G: Reason for no account: family member already has one

Data file: micro\_irn.dta

#### Overview

Valid: 102    Invalid: 903    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	45	44.1%
2	no	54	52.9%
3	(dk)	3	2.9%
4	(ref)	0	0%
Sysmiss		903	

### FIN11H: Reason for no account: no need for financial services

Data file: micro\_irn.dta

#### Overview

Valid: 102    Invalid: 903    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	34	33.3%
2	no	66	64.7%

3	(dk)	2	2%
4	(ref)	0	0%
Sysmiss		903	

### FIN13A: Use mobile money account two or more times a month

Data file: micro\_irn.dta

#### Overview

Valid: 102   Invalid: 903   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	78	76.5%
2	no	24	23.5%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		903	

### FIN13B: Use mobile money account to store money

Data file: micro\_irn.dta

#### Overview

Valid: 102   Invalid: 903   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	46	45.1%
2	no	56	54.9%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		903	

**FIN13C: Use mobile money account to borrow money****Data file:** micro\_irn.dta**Overview**

Valid: 102    Invalid: 903    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	7	6.9%
2	no	94	92.2%
3	(dk)	1	1%
4	(ref)	0	0%
Sysmiss		903	

**FIN13D: Use mobile money account without help****Data file:** micro\_irn.dta**Overview**

Valid: 103    Invalid: 902    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	83	80.6%
2	no	20	19.4%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		902	

**FIN14\_1: Use mobile phone to pay for a purchase in-store****Data file:** micro\_irn.dta**Overview**

Valid: 1005    Invalid: 0    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	150	14.9%
2	no	854	85%
3	(dk)	0	0%
4	(ref)	1	0.1%

### FIN14A: Made bill payments online using the Internet

Data file: micro\_irn.dta

#### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	379	37.7%
2	no	625	62.2%
3	(dk)	1	0.1%
4	(ref)	0	0%

### FIN14A1: Send money to a relative or friend online using the Internet

Data file: micro\_irn.dta

#### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	338	33.6%
2	no	666	66.3%
3	(dk)	1	0.1%
4	(ref)	0	0%

**FIN14B: Bought something online using the Internet****Data file:** micro\_irn.dta**Overview**

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	310	30.8%
2	no	694	69.1%
3	(dk)	1	0.1%
4	(ref)	0	0%

**FIN16: Saved for old age****Data file:** micro\_irn.dta**Overview**

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	195	19.4%
2	no	809	80.5%
3	(dk)	0	0%
4	(ref)	1	0.1%

**FIN17A: Saved using an account at a financial institution****Data file:** micro\_irn.dta**Overview**

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	235	23.4%
2	no	770	76.6%
3	(dk)	0	0%
4	(ref)	0	0%

### FIN17A1: Saved using a mobile money account

Data file: micro\_irn.dta

#### Overview

Valid: 112   Invalid: 893   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	11	9.8%
2	no	101	90.2%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		893	

### FIN20: Borrowed for medical purposes

Data file: micro\_irn.dta

#### Overview

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	239	23.8%
2	no	766	76.2%
3	(dk)	0	0%

4	(ref)	0	0%
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## FIN22A: Borrowed from a financial institution

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	228	22.7%
2	no	777	77.3%
3	(dk)	0	0%
4	(ref)	0	0%

## FIN22B: Borrowed from family or friends

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	395	39.3%
2	no	609	60.6%
3	(dk)	1	0.1%
4	(ref)	0	0%

## FIN24: Main source of emergency funds in 30 days

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Main source: Savings	202	20.1%
2	Main source: Family or friends	380	37.8%
3	Main source: Money from working	214	21.3%
4	Main source: Borrowing from a bank, employer, or private lender	65	6.5%
5	Main source: Selling assets	62	6.2%
6	Main source: Some other source	41	4.1%
7	(I could not come up with the money)	27	2.7%
8	(dk)	10	1%
9	ref	4	0.4%

### FIN24A: Difficulty of emergency funds in 30 days

Data file: micro\_irn.dta

#### Overview

Valid: 964    Invalid: 41    Minimum: 1    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 5    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Very difficult	237	24.6%
2	Somewhat difficult	423	43.9%
3	Not difficult at all	300	31.1%
4	(DK)	1	0.1%
5	(ref)	3	0.3%
Sysmiss		41	

### FIN24B: Difficulty of emergency funds in 7 days

Data file: micro\_irn.dta

#### Overview

Valid: 964    Invalid: 41    Minimum: 1    Maximum: 6  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 6    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Very difficult	392	40.7%
2	Somewhat difficult	350	36.3%
3	Not difficult at all	196	20.3%
4	(I could not come up with the money)	18	1.9%
5	(DK)	5	0.5%
6	(ref)	3	0.3%
Sysmiss		41	

## FIN30: Paid a utility bill

Data file: micro\_irn.dta

### Overview

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	541	53.8%
2	no	464	46.2%
3	(dk)	0	0%
4	(ref)	0	0%

## FIN31A: Paid a utility bill using an account

Data file: micro\_irn.dta

### Overview

Valid: 541   Invalid: 464   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	360	66.5%

2	no	178	32.9%
3	(dk)	3	0.6%
4	(ref)	0	0%
Sysmiss		464	

## FIN31B: Paid a utility bill using a mobile phone

Data file: micro\_irn.dta

### Overview

Valid: 541    Invalid: 464    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 2    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	290	53.6%
2	no	251	46.4%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		464	

## FIN31C: Paid a utility bill in cash

Data file: micro\_irn.dta

### Overview

Valid: 102    Invalid: 903    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	62	60.8%
2	no	38	37.3%
3	(dk)	1	1%
4	(ref)	1	1%
Sysmiss		903	

**FIN32: Received wage payments****Data file:** micro\_irn.dta**Overview**

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	270	26.9%
2	no	735	73.1%
3	(dk)	0	0%
4	(ref)	0	0%

**FIN33: Received public sector wage payments****Data file:** micro\_irn.dta**Overview**

Valid: 270   Invalid: 735   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	63	23.3%
2	no	206	76.3%
3	(dk)	1	0.4%
4	(ref)	0	0%
Sysmiss		735	

**FIN34A: Received wage payments into an account****Data file:** micro\_irn.dta**Overview**

Valid: 270   Invalid: 735   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	210	77.8%
2	no	60	22.2%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		735	

### FIN34B: Received wage payments to a mobile phone

Data file: micro\_irn.dta

#### Overview

Valid: 270 Invalid: 735 Minimum: 1 Maximum: 3  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	10	3.7%
2	no	258	95.6%
3	(dk)	2	0.7%
4	(ref)	0	0%
Sysmiss		735	

### FIN34D: Received wage payments in cash

Data file: micro\_irn.dta

#### Overview

Valid: 58 Invalid: 947 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	46	79.3%
2	no	11	19%

3	(dk)	0	0%
4	(ref)	1	1.7%
Sysmiss		947	

### FIN34E: Received wage payments to a card

Data file: micro\_irn.dta

#### Overview

Valid: 12   Invalid: 993   Minimum: 1   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	4	33.3%
2	no	6	50%
3	(dk)	1	8.3%
4	(ref)	1	8.3%
Sysmiss		993	

### FIN37: Received a government transfer

Data file: micro\_irn.dta

#### Overview

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	543	54%
2	no	460	45.8%
3	(dk)	2	0.2%
4	(ref)	0	0%

### FIN38: Received a government pension

Data file: micro\_irn.dta



## Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	146	14.5%
2	no	858	85.4%
3	(dk)	1	0.1%
4	(ref)	0	0%

## FIN39A: Received a government transfer or pension into an account

Data file: micro\_irn.dta

## Overview

Valid: 584 Invalid: 421 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	377	64.6%
2	no	203	34.8%
3	(dk)	3	0.5%
4	(ref)	1	0.2%
Sysmiss		421	

## FIN39B: Received a government transfer or pension to a mobile phone

Data file: micro\_irn.dta

## Overview

Valid: 584 Invalid: 421 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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1	yes	14	2.4%
2	no	565	96.7%
3	(dk)	4	0.7%
4	(ref)	1	0.2%
Sysmiss		421	

## FIN39D: Received a government transfer or pension in cash

Data file: micro\_irn.dta

### Overview

Valid: 202    Invalid: 803    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	20	9.9%
2	no	181	89.6%
3	(dk)	0	0%
4	(ref)	1	0.5%
Sysmiss		803	

## FIN39E: Received a government transfer or pension to a card

Data file: micro\_irn.dta

### Overview

Valid: 182    Invalid: 823    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	67	36.8%
2	no	114	62.6%
3	(dk)	0	0%
4	(ref)	1	0.5%
Sysmiss		823	

**FIN44A: Financially worried: old age****Data file:** micro\_irn.dta**Overview**

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Very worried	476	47.4%
2	Somewhat worried	317	31.5%
3	Not worried at all	210	20.9%
4	(Does not apply)	0	0%
5	(DK)	0	0%
6	(ref)	2	0.2%

**FIN44B: Financially worried: medical cost****Data file:** micro\_irn.dta**Overview**

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Very worried	473	47.1%
2	Somewhat worried	314	31.2%
3	Not worried at all	216	21.5%
4	(Does not apply)	0	0%
5	(DK)	1	0.1%
6	(ref)	1	0.1%

**FIN44C: Financially worried: bills****Data file:** micro\_irn.dta

## Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Very worried	230	22.9%
2	Somewhat worried	453	45.1%
3	Not worried at all	318	31.6%
4	(Does not apply)	1	0.1%
5	(DK)	1	0.1%
6	(ref)	2	0.2%

## FIN44D: Financially worried: education

Data file: micro\_irn.dta

## Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Very worried	217	21.6%
2	Somewhat worried	312	31%
3	Not worried at all	272	27.1%
4	(Does not apply)	201	20%
5	(DK)	2	0.2%
6	(ref)	1	0.1%

## FIN45: Financially most worried

Data file: micro\_irn.dta

## Overview

Valid: 801 Invalid: 204 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Old age	360	44.9%
2	Medical cost	281	35.1%
3	Bills	58	7.2%
4	Education	83	10.4%
5	(DK)	6	0.7%
6	(ref)	13	1.6%
Sysmiss		204	

### SAVED: Saved in the past year

Data file: micro\_irn.dta

#### Overview

Valid: 1005   Invalid: 0   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	no	556	55.3%
1	yes	449	44.7%

### BORROWED: Borrowed in the past year

Data file: micro\_irn.dta

#### Overview

Valid: 1005   Invalid: 0   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	no	393	39.1%
1	yes	612	60.9%

**RECEIVE\_WAGES: Received a wage payment****Data file:** micro\_irn.dta**Overview**

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	received payments into an account	216	21.5%
2	received payments in cash only	46	4.6%
3	received payments using other methods	8	0.8%
4	did not receive payments	735	73.1%
5	dk/ref	0	0%

**Others**

## NOTES

This includes adults who received a wage payment in the past year.

**RECEIVE\_TRANSFERS: Received a government transfer payment****Data file:** micro\_irn.dta**Overview**

Valid: 1005   Invalid: 0   Minimum: 1   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	received payments into an account	418	41.6%
2	received payments in cash only	19	1.9%
3	received payments using other methods	106	10.5%
4	did not receive payments	460	45.8%
5	dk/ref	2	0.2%

## Others

### NOTES

This includes adults who received a government transfer payment in the past year.

## RECEIVE\_PENSION: Received a government pension payment

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 5  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	received payments into an account	131	13%
2	received payments in cash only	1	0.1%
3	received payments using other methods	14	1.4%
4	did not receive payments	858	85.4%
5	dk/ref	1	0.1%

## RECEIVE\_AGRICULTURE: Received a payment for the sale of agricultural goods

Data file: micro\_irn.dta

### Overview

Valid: 0 Invalid: 1005 Minimum: \* Maximum: \*  
Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### Others

### NOTES

This includes adults who received a payment for the sale of agricultural goods in the past year.

## PAY\_UTILITIES: Paid a utility bill

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	made payments from an account	439	43.7%
2	made payments in cash only	62	6.2%
3	made payments using other methods	40	4%
4	did not make payments	464	46.2%
5	dk/ref	0	0%

### Others

#### NOTES

This includes adults who paid a utility bill in the past year.

## REMITTANCES: Made or received a domestic remittance payment

Data file: micro\_irn.dta

### Overview

Valid: 0 Invalid: 1005 Minimum: \* Maximum: \*  
Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### Others

#### NOTES

This includes adults who made or received a domestic remittance payment in the past year.

## MOBILEOWNER: Owns a mobile phone

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	931	92.6%
2	no	72	7.2%
3	(dk)	0	0%



4	(ref)	2	0.2%
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## INTERNETACCESS: Internet access

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	706	70.2%
2	no	294	29.3%
3	(dk)	1	0.1%
4	(ref)	4	0.4%

## ANYDIGPAYMENT: Made or received a digital payment

Data file: micro\_irn.dta

### Overview

Valid: 1005 Invalid: 0 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	no	123	12.2%
1	yes	882	87.8%

## MERCHANTPAY\_DIG: Made a digital merchant payment

Data file: micro\_irn.dta

### Overview

Valid: 0 Invalid: 1005 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

# study\_resources

## questionnaires

### 2021 Global Findex Questionnaire

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title 2021 Global Findex Questionnaire  
 language English  
 filename questionnaire\_globalfindex.pdf

---

## reports

### The Global Findex Database 2021

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title The Global Findex Database 2021  
 authors Asli Demirgüç-Kunt, Leora Klapper, Dorothe Singer, Saniya Ansar  
 language English  
 filename FINDEX\_2021\_report.pdf

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## technical\_documents

### Microdata Codebook

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title Microdata Codebook  
 language English  
 filename globalfindex2021\_microdatacodebook.pdf

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### Microdata update details

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title Microdata update details  
 language English  
 filename microdata\_update\_details.xlsx

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## other\_materials

### Micro 2021 Indicator Stata do-file

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title Micro 2021 Indicator Stata do-file  
 language English  
 filename micro2021\_indicators.do

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